

An Nguyen

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Department of Cognitive Science, Johns Hopkins University

3400 N. Charles Street

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EDUCATION

Johns Hopkins University **Baltimore, MD** **2018 – present**
PhD Student in Cognitive Science. Advisor: Geraldine Legendre.

Truman State University, **Kirkville, MO** **2013 - 2017**
Bachelor of Science in Psychology and Interdisciplinary Studies: Cognitive Science, Minor in Statistical Methods. *Valedictorian*.

HONORS AND AWARDS

- Dorothy Pearson Foundation Scholarship **2016**
Scholarship for outstanding Truman students in Statistics.
- Harold L. Hess and Ozella M. Hess Foundation Scholarship **2015**
Scholarship for outstanding Truman students in overall academic performance.
- President's Honorary Scholarship **2013**
Scholarship for outstanding incoming Truman students.

OTHER QUALIFICATIONS:

Programming Skills: Java, JavaScript, Python, MATLAB, R

Languages: Vietnamese (native), English (fluent), Chinese (conversational)

RELEVANT COURSEWORK

Computational Linguistics: Computational Linguistics; Computational Psycholinguistics

Linguistics: Introduction to Linguistics; Syntax I; Semantics I; Logic

Cognitive Science: Human and Computer Cognition; Cognitive Science; Language and the Mind; Language Acquisition;

Computer Science: Introduction to Computer Science; Foundation of Computer Science II; Object-oriented programming and design; Foundation of Neural Networks

RELEVANT PROJECT:

Investigating auxiliary acquisition in wh-question production using Variational Model of Language Acquisition and trigram language models with modified Kneser-Ney smoothing using the KenLM implementation. (2019)

CONFERENCE PRESENTATIONS

Nguyen, A., & Legendre, G. (2020). Covert movement in English probing wh-questions. Poster accepted for *Linguistic Society of America 2020 Annual Meeting*, New Orleans, LA.

Schneider, J., Arnon, I., **Nguyen, A.**, Medez, K., & Qi, Z. (2019). Does prior language experience hinder statistical learning? Poster presented at *Boston University Conference on Language Development*, Boston, MA.

Schneider, J., Weng, Y., Kozloff, V., **Nguyen, A.**, & Qi, Z. (2019). Neural sensitivity to speech distribution information underlies statistical learning. Poster presented at *Neurobiology of Language*, Helsinki, Finland.

Qi, Z., **Nguyen, A.**, Ozernov-Palchik, O., Beach, S., May, S., Arciuli, J., & Gabrieli, J.D.E. (2018). Statistical learning in reading development and reading impairment. Poster presented at *Boston University Conference on Language Development*, Boston, MA.

Nguyen, A., Sanchez Araujo, Y., Georgan, W., Arciuli, J., & Qi, Z. (2018). Re-examine the reliability of statistical learning tasks across domains and modalities. Poster presented at *Psychonomic Society Annual Meeting*, New Orleans, LA.

Kozloff, V., **Nguyen, A.**, Arciuli, J., & Qi, Z. (2018). Statistical learning in a noisy environment is associated with vocabulary. Poster presented at *Boston University Conference on Language Development*, Boston, MA.

Mendez, K., **Nguyen, A.**, Kozloff, V., & Qi, Z. (2018). The role of native language in statistical learning success. Poster presented at *University of Delaware's ninth annual Undergraduate Research and Service Scholar Celebratory Symposium*, Newark, DE.

RESEARCH EXPERIENCE:

Lab Manager

2017 – 2018

Director: Dr. Zhenghan Qi, University of Delaware

Conducted research on language acquisition, statistical learning, brain organization of language development using behavioral and neuro-imaging techniques, including eye-tracking, EEG, and fMRI. Managed the lab's database and workflow. Programmed and developed different experiments used in the lab.

Research Assistant 2016 – 2017

Advisor: Dr. Ashley Ramsey, Truman State University

Conducted research on human perceptual processes such as audio-visual integration and cortical activity using EEG.

MENTORING/TUTORING EXPERIENCE:

Teaching Assistant

Department of Cognitive Science, Johns Hopkins University

2019 – present

Courses: Language and Advertising; Language and the Mind

Student Consultant

2015-2017

Center for Applied Statistics and Evaluation, Truman State University

Analyzed statistical data for several student projects, research projects, and faculty grants. Assisted clients in other aspects such as designing survey, leading focus group, submitting IRB, writing statistical reports. Led a team of 3.

Grader & Tutor

2015-2017

Statistics Department, Truman State University

Graded homework for STAT 378: Linear Regression and STAT 375: Experimental Design. Tutored for STAT 190: Fundamental Statistics.

Academic Trainer for the STEP Program

2016-2017

School of Science & Mathematics, Truman State University

Tutored STEM subjects, including Computer Science, Mathematics, and Statistics.

EXPERIMENT WEBSITE PLATFORM

Qi Z., Sanchez Araujo Y., **Nguyen A.**, & Kozloff V. (2017). An online platform for visual and auditory statistical learning for school-aged children. *<https://cogscigame.co/>*